

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/12132

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 F28D9/00 F28F3/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 F28D F28F F24F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 1 484 126 A (COVRAD LTD) 24 August 1977 (1977-08-24) page 1, line 76 -page 2, line 20 page 2, line 77 - line 90; figures 1,2,6 ---	1,7-11
X	GB 1 116 620 A (ASS ENG LTD) 6 June 1968 (1968-06-06) page 1, line 85 -page 2, line 94; figures 1,2 ---	1-4,7-11
X	US 4 227 571 A (TJADEN JAN) 14 October 1980 (1980-10-14) column 2, line 19 -column 4, line 2; figure 1 ---	1-4 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## ° Special categories of cited documents :

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Date of the actual completion of the international search

26 March 2004

Date of mailing of the international search report

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Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Beltzung, F

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 283 937 A (NIHON RADIATOR CO) 28 September 1988 (1988-09-28) column 3, line 17 -column 4, line 55; figures 1-3 ---	14,15
X	US 4 805 693 A (FLESSATE DENNIS S) 21 February 1989 (1989-02-21) column 4, line 65 -column 6, line 53; figures 1-9 ---	14,15
A	DE 24 46 148 A (ASS ENG LTD) 15 April 1976 (1976-04-15) page 2, line 23 -page 5, line 4; figures 1-3 ---	1,7-14, 20
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 322 (C-0739), 10 July 1990 (1990-07-10) & JP 02 115288 A (KOBE STEEL LTD), 27 April 1990 (1990-04-27) abstract ---	1,2
A	WO 83 03464 A (KVANUM PLATMEKANO) 13 October 1983 (1983-10-13) page 2, line 9 - line 25; figures 1-3 ---	1
A	US 3 847 211 A (DICHIRO A ET AL) 12 November 1974 (1974-11-12) column 6, line 45 -column 12, line 18; figures 1-12 ---	1
A	EP 0 777 094 A (MITSUBISHI ELECTRIC CORP) 4 June 1997 (1997-06-04) cited in the application column 6, line 3 -column 17, line 36; figures 1-30 -----	1

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Information on patent family members

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